II. CLAIM AMENDMENTS

1. (Currently amended) A system for providing data communication between a plurality of electronic modules connected to an I^2C^{TM}-bus, wherein the system comprises said plurality of electronic modules and said I^2C^{TM}-bus; and wherein each of said plurality of electronic modules ~~are adapted to communicate~~ communicates, via said I^2C^{TM}-bus, a data package comprising:

~~in~~ a layered structure having a physical layer complying with I^2C^{TM} specifications, a data link layer comprising first header field for data payload type and a second header field for a data link layer version, and a network/transport layer comprising a third header field for ~~a~~ transmitting an electronic module's address, a fourth header field for a length of said data package, and comprising a data payload, and

wherein information contained within said header fields provides compatibility among individual ones of said electronic modules operating under differing rules of data exchange.

2. (Currently amended) A system according to claim 1, wherein said electronic modules comprise a mobile communication device consisting of ~~such as~~ a cell, mobile or satellite telephone, a personal digital assistant, or peripherals thereto.

3. (Original) A system according to claim 1, wherein said data payload type comprises OBEX, TCP, IP, HTTP, or any proprietary payload type.

4. (Original) A system according to claim 1, wherein said data link layer version comprises a major version, which is binary incompatible, and a minor version, which is binary compatible.

5. (Original) A system according to claim 1, wherein said data package further comprises in said network/transport layer a fifth header field for an offset value for determination of data payload start in said data package.

6. (Currently amended) A system according to claim 1, wherein said data package further comprises in said network/transport layer a sixth header field, located prior to said data payload start in said data package, for buffering the data payload from other ones of the header fields.

7. (Original) A system according to claim 1, wherein said data package further comprises a checksum field following the data payload.

8. (Original) A system according to claim 1, wherein said data package further comprises in said network/transport layer a seventh header field for a data package number.

9. (Original) A system according to claim 1, wherein said data package further comprises in said network/transport layer an eighth header field for a data package fragment sequence number.

10. (Currently amended) A method for formulating a data package for communicating between a plurality of electronic modules connected to an I^2C^{TM}-bus, ~~wherein said data package~~ comprising:

providing the data package with ~~in~~ a layered structure having physical layer data complying with I^2C^{TM} specifications,

placing data link layer data in a first header field comprising data payload type, and inserting a second header field comprising a data link layer version,

placing ~~and~~ network/transport layer data in a third header field comprising a transmitting electronic module's address, inserting a fourth header field comprising a length of said data package, and ~~comprising~~ providing a data payload, and

wherein information contained within said header fields provides compatibility among individual ones of said electronic modules operating under differing rules of data exchange.

11. (Currently amended) A method of formulating a data package according to claim 10 further comprising inserting in said network/transport layer a fifth header field for an offset value for determination of data payload start in said data package.

12. (Currently amended) A method of formulating a data package according to claim 10, ~~wherein~~ including a making of said data payload of a type ~~comprises~~ comprising OBEX, TCP, IP, HTTP, or any proprietary payload type.

13. (Currently amended) A method of formulating a data package according to claim 10 further comprising inserting in said network/transport layer a sixth header field, at a location prior to said data payload start in said data package, for buffering the data payload from other ones of the header fields.

14. (Currently amended) A method of formulating a data package according to claim 10 further comprising inserting a checksum field following the data payload.

15. (Currently amended) A method of formulating a data package according to claim 10 further comprising inserting in said network/transport layer a seventh header field for a data package number.

16. (Currently amended) A method of formulating a data package according to claim 10 further comprising inserting in said network/transport layer an eighth header field for a data package fragment sequence number.

17. (Currently amended) A receiver unit ~~adapted to receive~~ for receiving a data package formulated according to claim 10, wherein the receiver unit comprises at least one module of a plurality of electronic modules and a I^2C^{TM}-bus that interconnects the

modules of said plurality of electronic modules, and wherein each of said plurality of electronic modules communicates via said I^2C^{TM}-bus.

18. (Currently amended) A transmitter unit ~~adapted to transmit~~ for transmitting a data package formulated according to claim 10, wherein the transmitter unit comprises at least one module of a plurality of electronic modules and a I^2C^{TM}-bus that interconnects the modules of said plurality of electronic modules, and wherein each of said plurality of electronic modules communicates via said I^2C^{TM}-bus.

19. (Currently amended) A method for establishing data communication between a plurality of electronic modules connected to an I^2C^{TM}-bus, wherein said plurality of electronic modules each communicate a data package comprising ~~in~~ a layered structure having a physical layer complying with I^2C^{TM}-bus specifications, and wherein said method ~~comprising~~ comprises:

providing in said data package, in a data link layer, a first header field for data payload type and a second header field for a data link layer version,

providing in said data package, in a network/transport layer, a third header field for a transmitting electronic module's address and a fourth header field for a length of said data package, and

providing in said data package a data payload for establishing data communication between a plurality of said electronic modules, and

wherein information contained within said header fields provides compatibility among individual ones of said electronic modules operating under differing rules of data exchange.

20. (Currently amended) A server of a computer program, wherein the computer program ~~comprising~~ comprises code ~~adapted to perform~~ performing the following steps when said program is run in a data processor adapted to establish data communication between a plurality of electronic modules connected to an I^2C^{TM}-bus, wherein said plurality of electronic modules each communicate a data package comprising:

~~in~~ a layered structure having a physical layer complying with I^2C^{TM} specifications, and wherein said program ~~providing~~ provides in said data package in a data link layer a first header field for data payload type and a second header field for a data link layer version, ~~providing~~ provides in said data package in a network/transport layer a third header field for a transmitting electronic module's address and a fourth header field for a length of said data package, and ~~providing~~ provides in said data package a data payload, and

wherein information contained within said header fields provides compatibility among individual ones of said electronic modules operating under differing rules of data exchange.